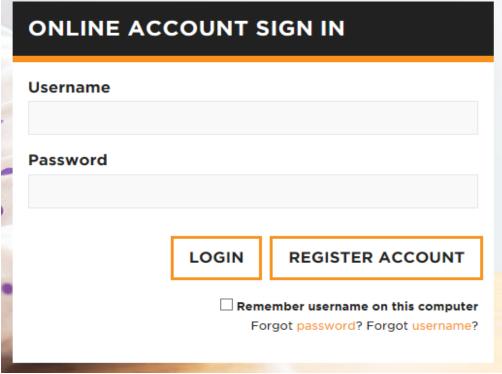




STEP 1: REGISTER ACCOUNT

If you do not have login credentials click register account here:



Hints and Tricks:

- You will need your account number and supplier agreement number in order to register your account. Both can be found on your bill (next page)
- Setup should take less than 5 minutes



FINDING MY ACCOUNT AND METER # SUPPLIER AGREEMENT ID



Customer Name and Service Address: John Smith 1600 Pennsylvania Ave Pittsburgh, PA Bill ID: 123456789

Account Number: 1234-567-000

Rate: GM-Medium Commercial < 25

Rider Code: 003

Date Prepared: 01/25/18

Page 4 of

Shopping Information Box

When shopping for electricity with an Electric Generation Supplier, please provide the following:

Supplier Agreement ID: 1234-567-000

Rate Schedule: GM-Medium Commercial < 25

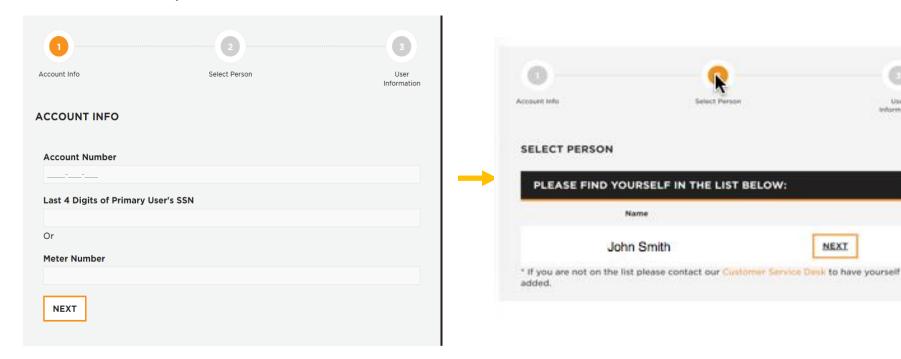
If you are already shopping, it is important to understand the terms of your contract and expiration date.

- The Account Number can be found in the upper right hand corner on page 4 of your bill.
- The Supplier Agreement # can be found on page 4 of your bill.



STEP 2: PROVIDE INFORMATION

Enter the required information and click NEXT:



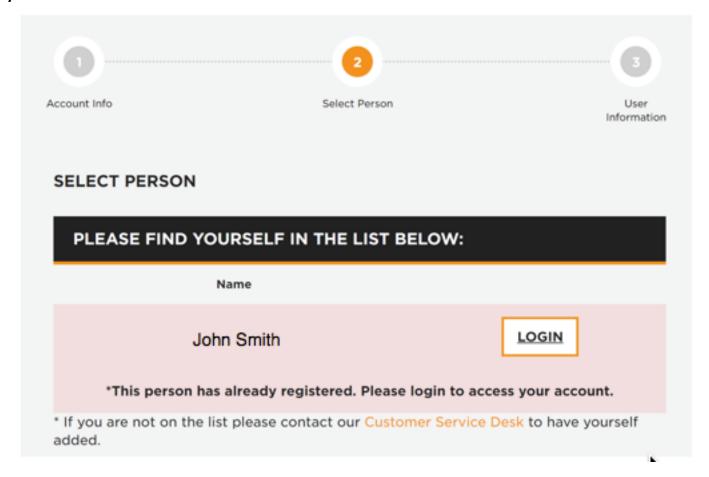


NEXT

Select Person

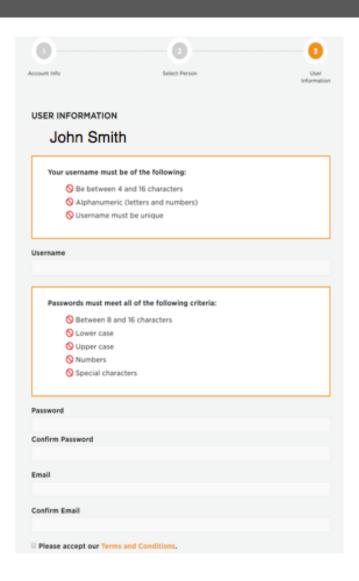
STEP 2: TROUBLESHOOTING

NOTE: If there is already a web account associated with a person the page will display like this:





STEP 2: TROUBLESHOOTING



NOTE: DLC has specific username and password requirements.

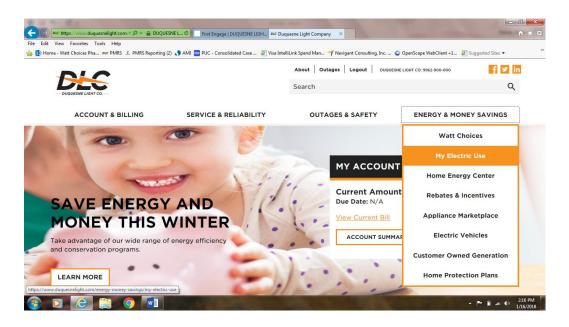






STEP #1: ACCESS "MY ELECTRIC USE"

Select Energy & Money Savings in the Top Navigation Bar and then navigate to "My Electric Use"

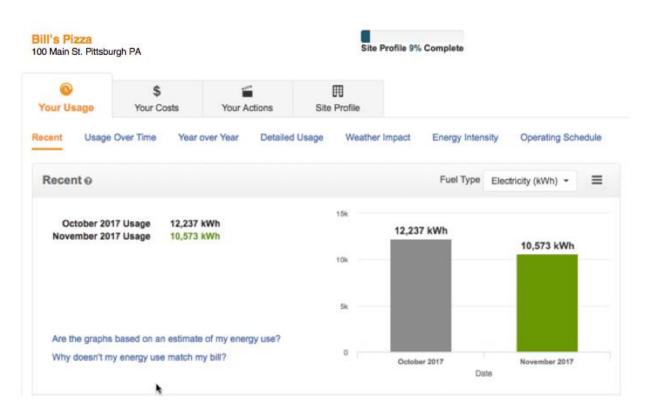


Hints and Tricks:

You can also use MyAccount to view rebates and incentives



STEP #2: REVIEW YOUR USAGE AND KEY DETAILS



Hints and Tricks:

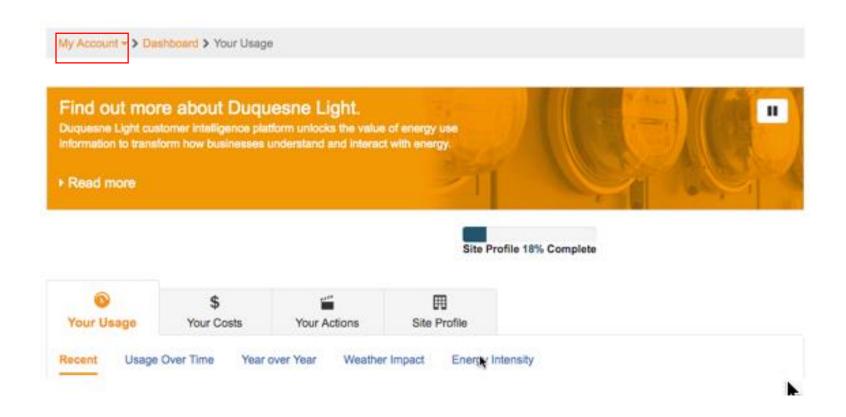
- Business customers can view their usage, cost, and other facility specific insights
- Customers can download their interval usage data and account information







EPA PORTFOLIO MANAGER ACCOUNT SETUP



Navigate to "My Account" and then select "ENERGY STAR Facilities"



ACCESS PORTFOLIO MANAGER

ENERGY STAR Facilities ▼

Portfolio Manager®



Create an ENERGY STAR Account

If you do not already have an ENERGY STAR account go to www.energystar.com to get started. Once you have created an account go to your Portfolio Manager® link within the ENERGY STAR site.



Create A Building Within Portfolio Manager®

You've heard it before: you can't manage what you don't measure. That's why EPA created ENERGY STAR Portfolio Manager[®], an online tool you can use to measure and track energy

Create an Account



Create A Data Connection Between Both Sites

In order to take advantage of all our features you should create a connection to your ENERGY STAR Portfolio Manager[®] Account. This way you can share data and your score between them.

If you have already got an ENERGY STAR account

If you already have a Portfolio Manager[®] Account you can get started on creating a new building. This building can be a single location or many locations which you can then submit data to ENERY STAR in order to get a score. This tool is designed to help commercial property managers aggregate their usage data for the ENERGY STAR data transfer. Once a building is created you can then manage the connection and see a snap shot of the aggregated usage data.

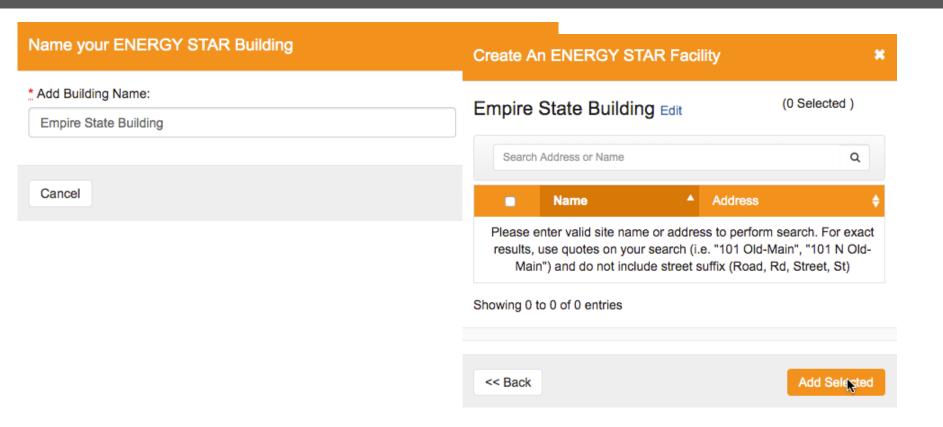


Add New Facility

- Login to Portfolio Manager at: https://portfoliomanager.energystar.gov/
- Create an Account if you have not already done so
- Add a Property to share/receive data from the MyAccount



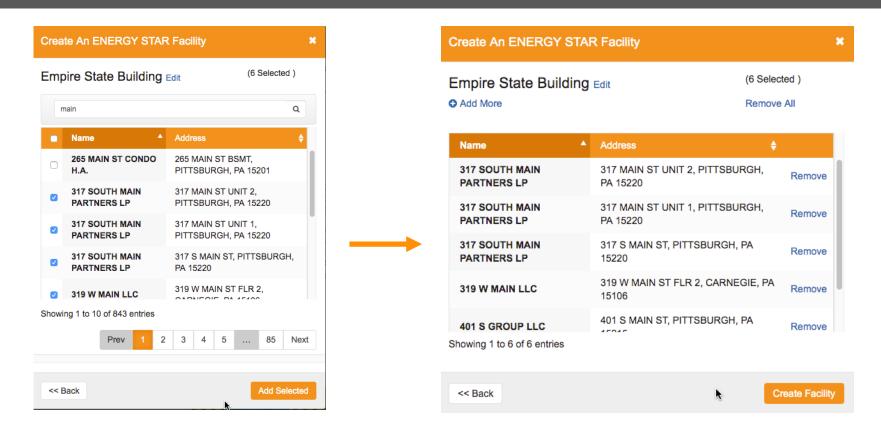
ADD NEW FACILITY



- Name your ENERGY STAR building (recommended that this match what you call the building in the EPA's ENERGY STAR site)
- Add individual tenant meters using search field (see next slide)



ADD TENANT METERS



- Meters can be searched by address or customer name
- Use quotation marks "" to search for specific fields and to limit the search
- Unlimited number of tenants can be added
- · Searching by multiple addresses is allowed for one virtual building



AUTHENTICATE FACILITY

Empire State Building Edit/Add Facilities | Authenticate Facilities **ENERGY STAR Facilities** Search Name or Addr. Setting Up a Connection to ENERGY STAR Address **♦** Meter Points Authentication In order to set up a connection with ENERGY STAR you must authenticate the unique addresses in your building. 317 S MAIN ST, PITTSBURGH, PA 15220 317 SOUTH MAIN PARTNERS LP S Unauthenticated 317 MAIN ST UNIT 1, PITTSBURGH, PA 15220 317 SOUTH MAIN PARTNERS LP S Unauthenticate Service Agreement Number 317 SOUTH MAIN PARTNERS LP S Unauthenticate 317 MAIN ST UNIT 2, PITTSBURGH, PA 15220 1 319 W MAIN ST FLR 2, CARNEGIE, PA 15106 319 W MAIN LLC S Unauthenticat 401 S MAIN ST, PITTSBURGH, PA 15215 401 S GROUP LLC S Unauthenticate: 317. PITTSBURGH, PA 15220 424 N CRAIG ST MAIN, PITTSBURGH, PA 15213 424 GOLD WAY PARTNERS LLC 1 S Unauthenticated 317 MAIN STREET, PITTSBURGH, PA 15220 Display 317 S MAIN ST, Showing 1 to 6 of 6 entries PITTSBURGH, PA 15220 **Download Authorization Form** Have all of the tenants authorized data transfers to the EPA Yes for benchmarking? Cancel

- Buildings with 3 or less tenants will be prompted to verify that all tenants have authorized data transfer
- Buildings with 4 or more tenants do not have to verify authorization
- One service agreement number must be provided to authenticate the user



AUTHENTICATION CODE

Setting Up a Connection to ENERGY STAR

8

Success!

Please Note: Once authenticated and we connect to your Portfolio Manager Account a transfer of all available data will occur. This transfer will happen on a ongoing monthly basis unless you choose to pause this transfer.

Already have a Portfolio Manager® Account?

If you already have an ENERGY STAR Portfolio Manager account, then you can:

- Step 1: Log into Energy Star Portfolio Manager.
- Step 2: Click on the "Contacts" link in the upper right hand corner of your screen.
- Step 3: Add "Duquesne Light Company" as a Contact.
- Step 4: When prompted, use this confirmation code to verify your identity.
- Step 5: Follow the steps provided in this EPA guide to complete the process.

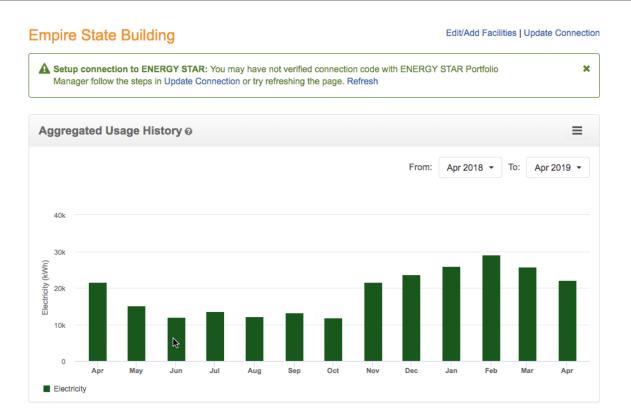
Connection Code 7eAwRvoy

Close

- The Connection Code displayed upon successful authentication is critical to linking your account to EPA's ENERGY STAR portfolio manager
- Information is provided here for connecting to "Duquesne Light Company"



AGGREGATED MONTHLY USAGE



- Aggregated monthly usage should be viewable and exportable for the combined tenant usage in the virtual building
- Links are provided at the top of the page for updating the connection with ENERGY STAR portfolio manager







ACCESS PORTFOLIO MANAGER

ENERGY STAR Facilities ▼

Portfolio Manager®



Create an ENERGY STAR Account

If you do not already have an ENERGY STAR account go to www.energystar.com to get started. Once you have created an account go to your Portfolio Manager[®] link within the ENERGY STAR site.



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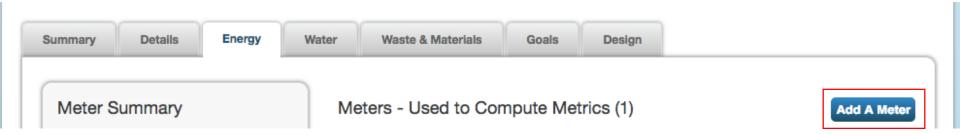


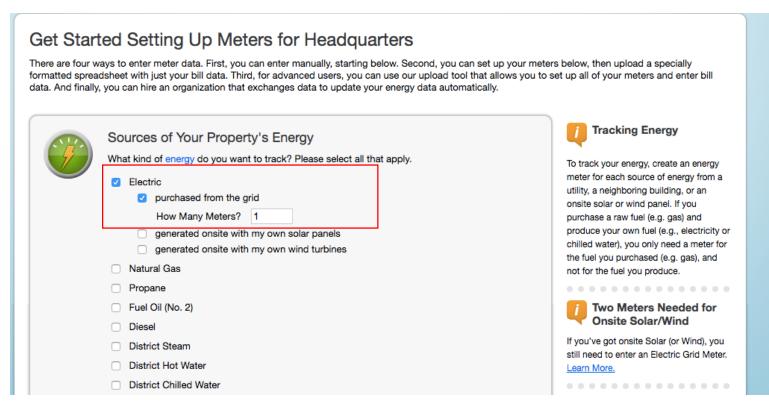
Add New Facility

- Login to Portfolio Manager at: https://portfoliomanager.energystar.gov/
- Create an Account if you have not already done so
- Add a Property to share/receive data from the MyAccount



CREATE A METER





CREATE A METER

About Your Meters for Headquarters

Enter the information below about your new meters. The meter's Units and Date Meter became Active are required. You can also change the meter's name.

1 Energy Meter for Headquarters (click table to edit)

Meter Name	Туре	Other Type	Units	Date Meter became Active	In Use?	Date Meter became Inactive	Enter as Delivery?
Electric Grid Meter	Electric - Grid						



Add Another Entry

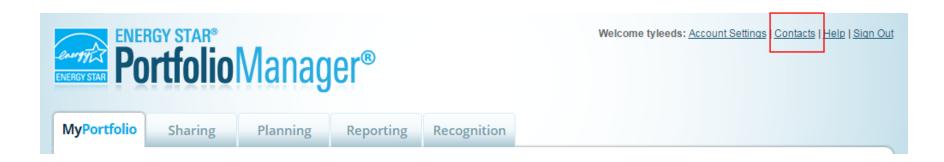




- Make sure to populate Date Meter became Active and Units
- Select "Create Meters"



INITIATE CONNECTION



- Select "Contacts" in the upper right
- Add "DLC" or "Duquesne Light" in the "Search for new Contacts" Button

My Contacts



This is where you keep track of your contacts and/or organizations (i.e. people or companies associated with your properties such as Professional Engineers, Registered Architects, or others with whom you share information). You can add anyone as a contact, regardless of whether they have a Portfolio Manager account and you can share your properties & reports with any of your *connected* contacts. You can "connect" to other Portfolio Manager users by searching for their accounts and sending a connection request.





INITIATE CONNECTION

Duquesne Light Company ESPM with Duquesne



- Select "Connect" for "Duquesne Light Company"
- Connection takes ~2 minutes to be approved

Send a Connection Request to <u>Duquesne Light Company</u> to Begin Exchanging Data

<u>Duquesne Light Company</u> requires the following information in order to exchange data with your property(ies). If you have any questions about how to complete this information, please contact <u>Duquesne Light Company</u>. Once your connection request has been accepted, you can share individual properties and/or meters with them to get started exchanging data.

Terms of Use: None Provided

Agreement:

*

I agree to my provider's (<u>Duquesne Light Company</u>)

Terms of Use.

Send Connection Request

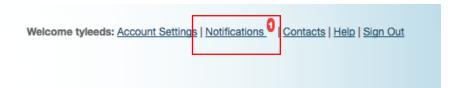
Cancel

- · Agree to the Terms of Use
- Select "Send Connection Request"

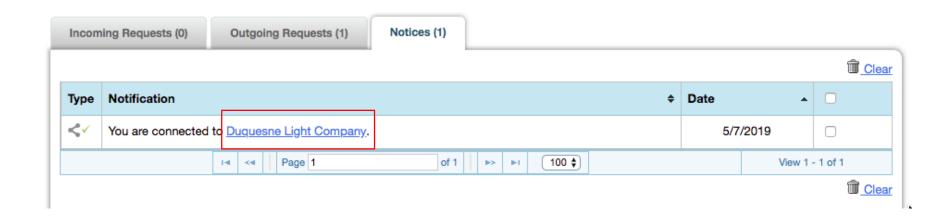


COMPLETE CONNECTION





- In the Notifications section of "My Portfolio" there will be a message indicating that the request is sent.
- After ~2 minutes, a refreshed screen will indicate that the user is now connected to "Duquesne Light Company"





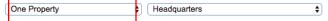
SELECT PROPERTIES FOR SHARING

- Select Property(ies) to be shared in step 1
- Select Duquesne Light Company for the Select People
- Selected "Personalized Sharing and Exchange Data" in Step 3



Select Properties

We'll get into the details of the level of access later. For now, which properties do you want to share and/or edit access to?





Select People (Accounts)

Which people (accounts) do you want to share these properties with (or modify their current access to)? The access for each can be different and you'll be able to specify that on the next page.

Select contacts from my contacts book:



To select multiple contacts, hold down your Control (CTRL) key and click on each selection. Only your connected contacts appear in this list.



Choose Permissions

If you only need to choose one permission (because you are doing a single share or you want to give the same permissions for all of your shares), select "Bulk Sharing." If you need to assign different permissions or share with Data Exchange providers, select the 2nd option.

- Bulk Sharing ("One-Size-Fits-All") I only need to choose one permission (either because I am doing a single share OR I want to choose the same permission for all of my share requests).
 - Personalized Sharing & Exchange Data ("Custom Orders") I need to give different permissions for different share requests, and/or I need to give Exchange Data permission.

Continue Cancel



Sharing with Accounts

In order to share properties with others (either individuals or organizations), you need to be "connected" with them. To make a connection, go to the "Add Contact" or "Add Organization" page and search for them within Portfolio Manager (they need to have a Portfolio Manager account). Once you find them, send a "Connection" request. After they accept your connection request, they will show up on the list to the left.



Exchanging Data

To get started, first connect with an organization that exchanges data. Once you are connected, their name will appear on the selection list on the left. Note: you can now share in bulk for exchanging data.



NEW Who gets to Share Forward?

Full Access - Automatically includes "Share Forward"

Read Only - Automatically does NOT include "Share Forward" rights

Custom - You decide, along with the individual permissions for property, meter, goals and recognition permissions.

Exchange Data -You decide, along with the individual permissions for property, meter, goals and recognition permissions.



SELECT PERMISSIONS

Share Your Property(ies)

To finish up, tell us what type of access the people you have selected should have for each of the properties that you have selected. The option to exchange data is only available for authorized accounts.



Select Permissions for Each Contact

The access levels you select do not have to be the same for each property or each person.



NEW Who gets to Share Forward?

Full Access - Automatically includes "Share Forward" rights

Read Only - Automatically does NOT include "Share Forward" rights

Custom - You decide, along with the individual permissions for property, meter, goals and recognition permissions.

Exchange Data -You decide, along with the individual permissions for property, meter, goals and recognition permissions.

Sort by: Property Name \$

Name (ID)	No Access	Read Only Access	Full Access	Custom Access	Exchange Data	
▼ <u>Headquarters</u> (4609745)						
<u>Duquesne Light Company</u>	0				0	

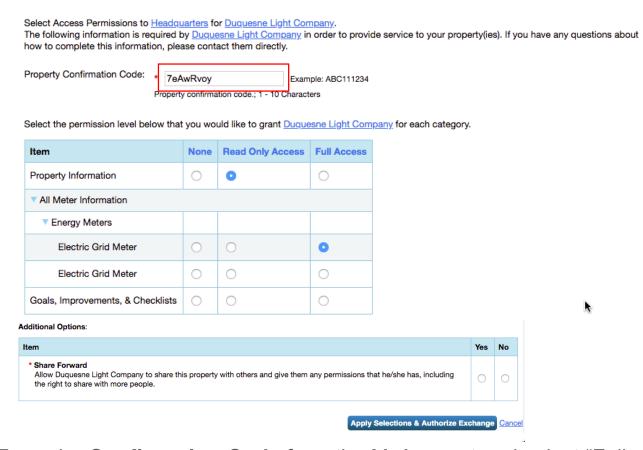
Share Property(ies)

Cancel

Select "Exchange Data"



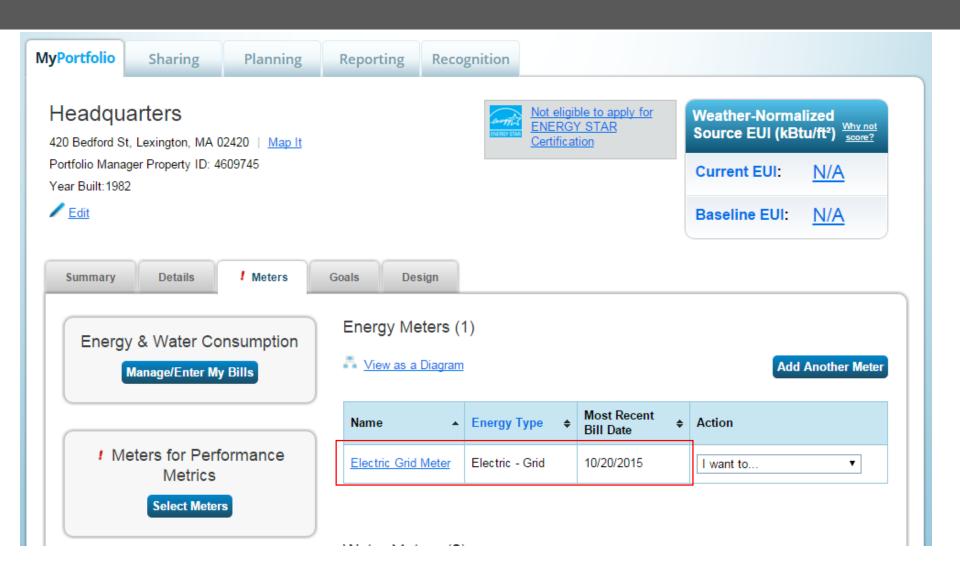
FINALIZE SHARING



- Enter the **Confirmation Code** from the MyAccount and select "Full access". No other information needs to be selected.
- Share Forward is not required in order to enable the data exchange.



REVIEW CONSUMPTION DATA



MANAGE CONSUMPTION DATA

Manage Bills (Meter Entries) for <u>Headquarters</u>

You may select one of your meters to get started. Or, if you are coming here from your meter list, a meter may already be selected.

Electric Grid Meter ▼				Display Year(s):): 2015 ×			
	Start Date	End Date	Usage kWh (thousand Watt-hours)	Cost (\$)	Estimation	Green Power	Last Updated	
	12/18/2014	1/21/2015	86	6.78	0		10/30/2015 <u>Tim Fu</u>	
	1/21/2015	2/19/2015	67	5.29	0		10/30/2015 <u>Tim Fu</u>	
	2/19/2015	3/19/2015	60	4.74	0		10/30/2015 <u>Tim Fu</u>	
	3/19/2015	4/20/2015	64	5.05	0		10/30/2015 <u>Tim Fu</u>	
	4/20/2015	5/19/2015	56	4.42	0		10/30/2015 <u>Tim Fu</u>	
	5/19/2015	6/19/2015	77	6.07	0		10/30/2015 <u>Tim Fu</u>	
	6/19/2015	7/21/2015	78	6.64			10/30/2015 <u>Tim Fu</u>	
	7/21/2015	8/20/2015	75	5.85	0		10/30/2015 <u>Tim Fu</u>	
	8/20/2015	9/21/2015	86	6.71	0		10/30/2015 <u>Tim Fu</u>	
	9/21/2015	10/20/2015	93	7.25			10/30/2015 <u>Tim Fu</u>	

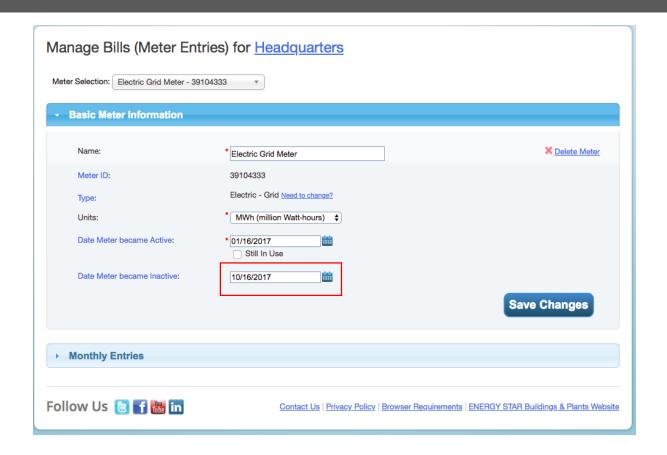
★ Delete Selected Entries
♣ Add Another Entry





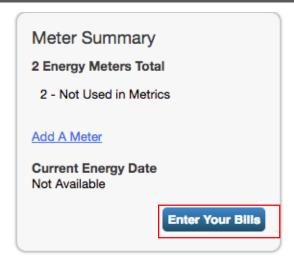


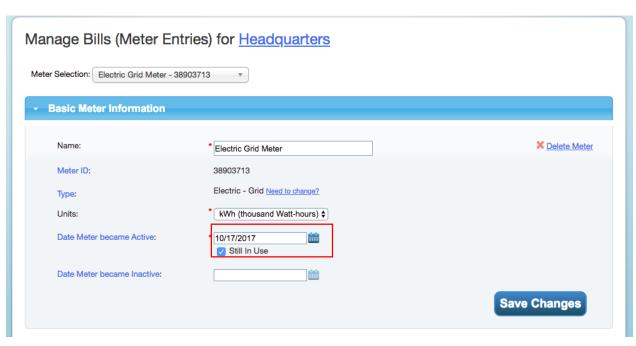




- The existing meter in ENERGY STAR Portfolio Manager can be marked as "inactive"
- Typically, this would be marked inactive on the last bill date







- Create a new meter, and list the Active date to be equal to the inactive date in the old meter
- Link the new meter to MyAccount following the instructions above
- Only data collected since the Active data will be automatically populated







DATA DICTIONARY

DLC:

- Account number The account number represents the master billing number for your accounts. See slide 3.
- Meter number For purposes of creating a MyAccount with DLC (slide 2), the meter number found on page 1 of your electric bill.
- **MyAccount** MyAccount is an online account with DLC that allows and end user to view their bills, energy consumption, and other account specific information.
- **Supplier Agreement Number** This supplier agreement identifies a specific meter. An account number can have multiple supplier agreements associated with it.

ENERGY STAR Portfolio Manager:

- Account number For purposes of ENERGY STAR portfolio manager, the "Account Number" field should match 1:1 with the DLC Supplier Agreement Number defined above.
- Contact A contact in ENERGY STAR Portfolio Manager is a third-party user to which an end-user can connect. Contacts can be used to enable the sharing of energy consumption data.
- Data Exchange Once a user connects with a Contact, and shares a Property and a Meter with that Contact, the user can initiate a Data Exchange automatically with MyAccount.
- **Meter** A meter represents a unique measurement point for energy consumption.
- Property A property represents a unique facility for which a user can report energy consumption. A
 property may consist of multiple meters (typically at least 1 each of water, electric, and thermal
 consumption).
- **Share** Once a user connects with a contact, they must Share both the Property and the Meter with a Contact in order to complete the Data Exchange process.
- User Confirmation Code In order to connect to a Contact, the user is prompted for a User Confirmation Code. This is found in MyAccount.

